

09/409,457

ABSTRACT

Articles coated with a water-resistant coating that absorbs water to provide the water-resistant effect, and desorbs water when the coating is dried, and a method of providing water resistance and corrosion resistance to articles prepared with such coatings. The coating is formed by applying a composition comprising an aqueous solution of a superabsorbent water-soluble polymer precursor, optionally a viscosity modifying agent, and optionally a lubricant onto the surfaces of the article, and curing to form a coating comprising the superabsorbent polymer.

S&H Docket # 0101-0161

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